

# IT Initiative Supplement

February 25, 2010

## I. Project Description

**Project Title:** M-SPIRIT Maintenance and Support

**Brief Description of the Project Title:** M-SPIRIT is the new system for the Women, Infant, and Children (WIC) program. WIC provides milk, cheese and other healthy foods to women and children in need. The WIC program is in the process of testing the next release of M-SPIRIT which will allow upgrade to Windows Vista or Windows 7. Maintenance and support of M-SPIRIT is managed by the Technology Services Division (TSD) through a contract with an outside vendor.

**Statewide Priority:** 1

**Agency Priority:** 1

**Estimated Completion Date:** FY2012

**IT Project Biennium:** FY2010-11, FY2010

**Request Number:**

**Version:**

**Agency Number:** 6901

**Agency Name** Department of Public Health and Human Services (DPHHS)**Program Number:**

**Program Name:** Public Health and Safety Division

### A. Type of Project (check all that apply)

Enhancement

Replacement

New

O&M            X

### B. Type of System (check all that apply)

Mid-Tier

Mainframe

GIS

Web            X

Network

Desktop        X

## II. Narrative

### C. Executive Summary

The WIC Program (Montana's Special Supplemental Nutrition Program for Women, Infants and Children) is located at DPHHS and is funded by USDA. Montana has contracts with 27 local agencies to provide direct WIC services to participants. Participation is provided to eligible pregnant women, breastfeeding and post partum women, infants and children up to age 5. Services provided by WIC are nutrition assessment, referral to other health related programs and a supplemental food package.

Services are provided via a new web based management information system referred to as M-SPIRIT. M-SPIRIT was rolled out in Montana in January 2010. It replaced an antiquated system that had been in operation since 1994.

Operation and maintenance of the system is vital in ensuring WIC services continue to be provided in all WIC Clinics across the state of Montana.

#### **Project Purpose and Objectives:**

The WIC Program transferred the M-SPIRIT System in January 2010. This project is for ongoing maintenance and support from the implementation contractor. It is important to have this ongoing support of the system to insure that WIC services can be maintained efficiently and effectively at all 95 clinic sites in Montana.

Funding for this project is from USDA/FNS.

#### **Technical Implementation Approach:**

The M-SPIRIT system is a WEB based system. Montana hosts web servers and data base servers to support the web client running on 120 computers located throughout Montana. The web servers use IIS7 on Microsoft Windows Server 2008. The database servers use Microsoft SQL Server 2008 on Microsoft Windows Server 2008. The M-SPIRIT System is written in Visual Basic using .net version 3.5. M-SPIRIT uses a Cisco Netscaler security appliance to manage secure WEB communications.

#### **Project Schedule and Milestones:**

This contract is currently in place and runs until April 30, 2011.

### D. Business and IT Problems Addressed

This is an operations and maintenance project and does not directly address any business or IT problems. The M-SPIRIT system ensures that Montana meets the WIC Program requirements.

### E. Alternative(s)

#### **Alternatives Considered:**

N/A

#### **Rationale for Selection of Particular Alternative:**

N/A

#### **F. Narrative Detail**

The following federally mandated and essential services are provided by WIC and performed or supported through the M-SPIRIT system:

- Demographics
- HT/WT/Blood
- Diet Intake
- Risk Factors
- Food Prescription
- Nutrition Education
- Benefit History
- Referrals
- Health Information
- Income History
- Appointments
- Central Office Tools
- Financial Reporting to Federal Partners
- Vendor

Funding for this project is provided by USDA/FNS.

Timely and knowledgeable operations and maintenance of M-SPIRIT allows WIC to meet their program objectives. Appropriate management of the project is crucial in providing the opportunity for success and continued funding.

### **III. Costs**

#### **G. Estimated Cost of Project:**

Estimated Cost of Project	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	Total
1. Personal Services - IT Staff							0
2. Personal Services - Non IT Staff							0
3. Contracted Services	441,603	441,603	110,401				993,607
4. ITSD Services							0
5. Hardware							0
6. Software							0
7. Telecommunications							0
8. Maintenance							0
9. Project Management							0
10. IV & V							0
11. Contingency							0
12. Training							0
13. Other							0
Total Estimated Costs	441,603	441,603	110,401	0	0	0	993,607

#### **Total Funding:**

## IV. Funding

### H. Funding

#### Total Funding

Fund	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	Total
1. 03150	441,603	441,603	110,401				993,607
2.							0
3.							0
4.							0
5.							0
6.							0
Total Estimated Costs	441,603	441,603	110,401	0	0	0	993,607

**Cash/Bonded:**

**Bill Number:**

## V. Cost upon Completion

### 1. Operating Costs upon Completion

Estimated Cost of Project	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	Total
1. Personal Services - IT Staff							0
2. Personal Services - Non IT Staff							0
3. Contracted Services	441,603	441,603	110,401				993,607
4. ITSD Services							0
5. Hardware							0
6. Software							0
7. Telecommunications							0
8. Maintenance							0
9. Project Management							0
10. IV & V							0
11. Contingency							0
12. Training							0
13. Other							0
Total Estimated Costs	441,603	441,603	110,401	0	0	0	993,607

## 2. Funding Recap

### Total Funding

Fund	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	Total
1. 03150	441,603	441,603	110,401				993,607
2.							0
3.							0
4.							0
5.							0
6.							0
Total Estimated Costs	441,603	441,603	110,401	0	0	0	993,607

## V. Risk Assessment

### A. Current IT Infrastructure Risks

1. Current application 10+ years old? No  
Date of last major upgrade? Rolled out January 2010
2. Current application is based on old technology? No  
If yes, what is the current hardware platform, operating system, and programming languages used to support the application?
3. Is the agency not capable of maintaining the current application with internal technical staff? No  
If yes, who supports the application today?
4. Other IT infrastructure risks? No  
If yes, provide further detail.

### B. Current Business Risks

1. What are the risks to the state if the project is not adopted? N/A
2. Does the current application meet current business requirements? Yes  
If “no”, what specific business functions does the application lack?

### C. Project Risk Assessment

1. Describe any major obstacles to successful implementation and discuss how those obstacles will be mitigated.

**Table H      Risk Assessment N/A**

Description	Severity (H/M/L)	Probability of Occurrence (%)	Estimated Cost	Mitigation Strategy